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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/505,376

DATE: 08/26/2004
TIME: 16:33:01

Input Set : A:\8201_028-304.ST25.txt
Output Set: N:\CRF4\08262004\J505376.raw

5 <110> APPLICANT: Biogen, Inc.
 7 Kalled, Susan
 9 Reid, Hugh
 13 <120> TITLE OF INVENTION: Use of BCMA as an Immunoregulatory Agent
 17 <130> FILE REFERENCE: 08201.0028-00304
 C--> 21 <140> CURRENT APPLICATION NUMBER: US/10/505,376
 C--> 21 <141> CURRENT FILING DATE: 2004-08-20
 21 <150> PRIOR APPLICATION NUMBER: 60/358,427
 23 <151> PRIOR FILING DATE: 2002-02-21
 27 <160> NUMBER OF SEQ ID NOS: 5
 31 <170> SOFTWARE: PatentIn version 3.1
 35 <210> SEQ ID NO: 1
 37 <211> LENGTH: 184
 39 <212> TYPE: PRT
 41 <213> ORGANISM: Homo sapiens
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 51 Leu Leu His Ala Cys Ile Pro Cys Gln Leu Arg Cys Ser Ser Asn Thr
 52 20 25 30
 55 Pro Pro Leu Thr Cys Gln Arg Tyr Cys Asn Ala Ser Val Thr Asn Ser
 56 35 40 45
 59 Val Lys Gly Thr Asn Ala Ile Leu Trp Thr Cys Leu Gly Leu Ser Leu
 60 50 55 60
 63 Ile Ile Ser Leu Ala Val Phe Val Leu Met Phe Leu Leu Arg Lys Ile
 64 65 70 75 80
 67 Ser Ser Glu Pro Leu Lys Asp Glu Phe Lys Asn Thr Gly Ser Gly Leu
 68 85 90 95
 71 Leu Gly Met Ala Asn Ile Asp Leu Glu Lys Ser Arg Thr Gly Asp Glu
 72 100 105 110
 75 Ile Ile Leu Pro Arg Gly Leu Glu Tyr Thr Val Glu Glu Cys Thr Cys
 76 115 120 125
 79 Glu Asp Cys Ile Lys Ser Lys Pro Lys Val Asp Ser Asp His Cys Phe
 80 130 135 140
 83 Pro Leu Pro Ala Met Glu Glu Gly Ala Thr Ile Leu Val Thr Thr Lys
 84 145 150 155 160
 87 Thr Asn Asp Tyr Cys Lys Ser Leu Pro Ala Ala Leu Ser Ala Thr Glu
 88 165 170 175
 91 Ile Glu Lys Ser Ile Ser Ala Arg
 92 180
 95 <210> SEQ ID NO: 2
 97 <211> LENGTH: 555
 99 <212> TYPE: DNA



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101 <213> ORGANISM: Homo Sapiens
 105 <400> SEQUENCE: 2
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 108 tgcatacctt gtcaacttcg atgttcttct aataactcctc ctctaacatg tcagcggttat 120
 110 tgaatgcaa gtgtgaccaa ttcaagtggaaa ggaacgaatg cgattctctg gacctgtttg 180
 112 ggactgagct taataatttc ttggcagggtt ttcgtgctaa tggttttgct aaggaagata 240
 114 agctctgaac cattaaagga cgagttaaa aacacaggat caggtctcct gggcatggct 300
 116 aacattgacc tggaaaagag caggacttgtt gatggaaatattt tttctccgag aggccctcgag 360
 118 tacacgggtgg aagaatgcac ctgtgaagac tgcataaaga gcaaaaccgaa ggtcgactct 420
 120 gaccattgct ttccactccc agctatggag gaaggcgcaa ccattcttgtt caccacgaaa 480
 122 acgaatgactt attgcaagag cctgccagct gctttgagtg ctacggagat agagaaatca 540
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 129 <211> LENGTH: 302
 131 <212> TYPE: PRT
 133 <213> ORGANISM: Homo sapiens
 137 <400> SEQUENCE: 3
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 143 Gly Ser Thr Gly Asp Val Thr Met Leu Gln Met Ala Gly Gln Cys Ser
 144 20 25 30
 147 Gln Asn Glu Tyr Phe Asp Ser Leu Leu His Ala Cys Ile Pro Cys Gln
 148 35 40 45
 151 Leu Arg Cys Ser Ser Asn Thr Pro Pro Leu Thr Cys Gln Arg Tyr Cys
 152 50 55 60
 155 Asn Ala Ser Val Thr Asn Ser Val Lys Gly Val Asp Lys Thr His Thr
 156 65 70 75 80
 159 Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe
 160 85 90 95
 163 Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro
 164 100 105 110
 167 Glu Val Thr Cys Val Val Asp Val Ser His Glu Asp Pro Glu Val
 168 115 120 125
 171 Lys Phe Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr
 172 130 135 140
 175 Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val
 176 145 150 155 160
 179 Leu Thr Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys
 180 165 170 175
 183 Lys Val Ser Asn Lys Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser
 184 180 185 190
 187 Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro
 188 195 200 205
 191 Ser Arg Asp Glu Leu Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val
 192 210 215 220
 195 Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly
 196 225 230 235 240
 199 Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp
 200 245 250 255

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203	Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp		
204	260	265	270
207	Gln Gln Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His		
208	275	280	285
211	Asn His Tyr Thr Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys		
212	290	295	300
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217	<211> LENGTH: 909		
219	<212> TYPE: DNA		
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228	gacgtcacga tggcgagat ggctgggcag tgctcccaaa atgaatattt tgacagtttg	120	
230	ttgcgtcatgcgt gcataacctg tcaacttcga tggttctcta atactccctcc tctaacatgt	180	
232	cagcgattt gtaatgcaag tgtgaccaat tcagtgaaag gagtcgacaa aactcacaca	240	
234	tgcaccaccgt gcccagcacc tgaactcctg gggggaccgt cagtcttctt cttcccccca	300	
236	aaaccccaagg acaccctcat gatctcccg acccctgagg tcacatgcgt ggtgggtggac	360	
238	gtgagccacg aagaccctga ggtcaagttc aactggtagc tggacggcgt ggaggtgcat	420	
240	aatgccaaga caaagccgca ggaggagcag tacaacagca cgtaccgtgt ggtcagcgtc	480	
242	ctcaccgtcc tgcaccagga ctggctgaat ggcaaggagt acaagtgc aaagttccaaac	540	
244	aaagccctcc cagccccat cgagaaaacc atctccaaag ccaaaggcga gccccgagaa	600	
246	ccacaggtgt acaccctgcc cccatcccg gatgagctga ccaagaacca ggtcagcctg	660	
248	acctgcctgg tcaaaggctt ctatcccacg gacatcgccg tggagtggga gagcaatggg	720	
250	cagccggaga acaactacaa gaccacgcct cccgttgtgg actccgacgg ctccttcttc	780	
252	ctctacagca agctcaccgt ggacaagagc aggtggcagc aggggaacgt cttctcatgc	840	
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256	ggaaatga	909	
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261	<211> LENGTH: 21		
263	<212> TYPE: PRT		
265	<213> ORGANISM: Mouse		
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275	Tyr Arg Asn Gly Lys		
276	20		

VERIFICATION SUMMARY

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TIME: 16:33:02

Input Set : A:\8201_028-304.ST25.txt

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L:21 M:270 C: Current Application Number differs, Replaced Current Application No
L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date